

# Comparisons of Job Characteristics

**Focus Occupation:** [Construction Laborers \(47-2061\)](#)

**Associated Occupation:** [Paving, Surfacing, and Tamping Equipment Operators \(47-2071\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 90

**Focus Occupation:** Construction Laborers (47-2061)

**Associated Occupation:** Paving, Surfacing, and Tamping Equipment Operators (47-2071)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Building and Construction	4.0	15.6	16.8	0 Current knowledge level may be sufficient
Mechanical	6.8	13.5	11.2	< Expanded education and/or training may be required
Public Safety and Security	6.9	9.9	10.6	0 Current knowledge level may be sufficient
Transportation	4.6	9.7	8.0	< Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 77

**Focus Occupation:** Construction Laborers (47-2061)

**Associated Occupation:** Paving, Surfacing, and Tamping Equipment Operators (47-2071)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	9.8	7.9	< A higher skill level may be required
Operation and Control	5.4	9.1	8.1	< A higher skill level may be required
Equipment Maintenance	3.5	8.2	4.6	<< Extensive development of skills in this area may be required
Repairing	3.4	8.1	4.0	<< Extensive development of skills in this area may be required
Troubleshooting	4.5	7.2	4.8	<< Extensive development of skills in this area may be required
Equipment Selection	3.3	6.9	5.3	< A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 82			
Focus Occupation: Construction Laborers (47-2061) Associated Occupation: Paving, Surfacing, and Tamping Equipment Operators (47-2071)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Multilimb Coordination	6.0	11.9	10.6	<	Some improvement in abilities may be required
Control Precision	6.6	11.4	9.6	<	Some improvement in abilities may be required
Depth Perception	5.3	10.0	6.8	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	9.5	6.1	<<	Extensive improvement in abilities may be required
Static Strength	5.0	9.3	11.6	>	Current ability level is likely sufficient
Hearing Sensitivity	5.6	8.9	6.0	<<	Extensive improvement in abilities may be required
Rate Control	3.8	8.1	6.7	<	Some improvement in abilities may be required
Glare Sensitivity	2.6	6.7	4.0	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	6.5	4.5	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	5.4	4.5	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 88
Focus Occupation: Construction Laborers (47-2061) Associated Occupation: Paving, Surfacing, and Tamping Equipment Operators (47-2071)		
Work Activities	Exclusivity of Activity	
Clean equipment or machinery	20	
Maintain or repair construction machinery or equipment	77	
Perform safety inspections in construction or resource extraction setting	46	
Prepare site or surfaces for concrete or masonry work	76	
Read work order, instructions, formulas, or processing charts	9	
Understand construction specifications	53	
Use hand or power tools	2	
Use measuring devices in construction or extraction work	41	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 82

**Focus Occupation: Construction Laborers (47-2061)**

**Associated Occupation: Paving, Surfacing, and Tamping Equipment Operators (47-2071)**

Tools and Technologies	Exclusivity
Earth moving machinery	11
Forming tools	2
Heating equipment and parts and accessories	19
Heavy equipment components	21
Holding and clamping tools	3
Indicating and recording instruments	2
Land surveying instruments	19
Machinery for working wood and stone and ceramic and the like	12
Measuring and layout tools	3
Paint applicators and painting accessories	15
Paving equipment	35
Personal communication devices	2
Pneumatic tools	8
Power tools	2
Product and material transport vehicles	13
Respiratory protection	6
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.